

BI-WEEKLY PROGRESS REPORT NO. 3

**OLD ROOSEVELT FIELD CONTAMINATED GROUNDWATER AREA SITE
REMEDIAL ACTION - PHASE 2, GROUND WATER TREATMENT SYSTEM CONSTRUCTION
GARDEN CITY, NASSAU COUNTY, NEW YORK**

Prepared for:
U.S. Environmental Protection Agency
290 Broadway
New York, New York 10007-1866

Prepared by:
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Suite 1702
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EPA Work Assignment No.	: 023-RARA-02PE
EPA Region	: 2
Contract No.	: EP-W-09-002
CDM Federal Programs Corporation	
Document No.	: 3320-023-00845
Prepared by	: CDM
Site Manager	: Mr. Thomas Mathew, P.E.
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EPA Remedial Project Manager	: Ms. Caroline Kwan
Telephone Number	: 212-637-4275
Date Prepared	: May 18, 2011

Bi-Weekly Progress Report No. 3

Phase 2 – Ground Water Treatment System Construction

1.0 Introduction

Pursuant of the Work Assignment Form (WAF) Statement of Work (SOW), for Region 2 Contract EP-W-09-002 Work Assignment 023-RARA-02PE, CDM Federal Programs Corporation (CDM) is performing the Phase 2 (Groundwater Treatment System Construction) Remedial Action (RA) at the Old Roosevelt Contaminated Groundwater Area Site. The Bi-Weekly Progress Report is intended to partially fulfill the requirements specified under WAF SOW for this assignment. This Bi-Weekly report is prepared for the work performed from April 18, 2011 to April 29, 2011.

The work performed during this reporting period includes: utility mark-outs, stump removal, retention basin restoration, and treatment building access road construction. This work is summarized in further detail below. A list of the supporting documentation attached with this bi-weekly progress report is as follows:

- Attachment 1 - CDM's Daily Status Report
- Attachment 2 - CDM's Field Log Book Notes
- Attachment 3 - Photo Log

2.0 Personnel On-Site

The following personnel were on site during this reporting period:

CDM - Contractor

Jeffrey Mullen	Construction Supervisor
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Arrowhead Contracting Inc (ACI) – Contractor

Doug Ronk	Project Manager
Tom Gleave	Quality Control/Safety Manager
Joe Cotter	Site Superintendent
Matt Swope	Construction Foreman

T&F Enterprises

Tim Taub	Owner/Operator
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3.0 Summary of Work Performed

The following is a brief summary of the field activities performed during this reporting period (refer to Attachments 1, 2, and 3 for Daily Status Report, log book notes, and photo log, respectively for each working day):

- Maintenance of utility mark-outs by ACI
 - Re-marked spray paint markings and reset flagging for underground utility locations.

■ Wood Debris and stump removal

- T&F Enterprises used excavator to remove and load all wood debris and logs from the site. All debris was loaded into roll-off containers, provided by Maggio's, for off-site disposal.

■ Retention Basin Restoration

- ACI placed 26.24 tons of 5" Rip-Rap below existing outfall in retention basin. ACI also placed 25 tons of RCA on access road, approximately 3" deep, for the entire length.

■ Treatment Building Access Road Construction

- ACI staked out location of access road. Skid steer was used to remove approximately 12" of soil from the access road. All excavated soil was consolidated into 2 piles and tarped, for future use.

■ Health and Safety

- A tailgate H&S meeting was conducted each day before the start of work activities.

4.0 Problems/Corrective Action

During this two week period no problems or issues were noted.

5.0 Deviations

No deviations were noted for this reporting period.

6.0 Conclusions

Construction progress continues at a moderate pace. All work has been completed in a professional and safe manner.

ATTACHMENT 1
DAILY STATUS REPORT

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 4-18-11

Day Monday

WEATHER: Sunny

TEMP: 45/60 deg F

WIND: Slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
None.			
Chipper removed from site for service.			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Tom Gleave refreshed paint markings for underground utilities.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held			
TESTING PERFORMED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N /A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 4-19-11

Day Tuesday

WEATHER: Overcast

TEMP: 46/57 deg F

WIND: none

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
None.			
Chipper removed from site for service.			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
No Construction activities planned on-site today.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held.			
TESTING PERFORMED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N /A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 4-20-11

Day Wednesday

WEATHER: Overcast

TEMP: 46/66 deg F

WIND: none

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
None.			
Chipper removed from site for service.			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
No Construction activities planned on-site today.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held.			
TESTING PERFORMED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N /A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 4-25-11

Day Monday

WEATHER: Sunny

TEMP: 57/64 deg F

WIND: none

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter, Matt Swope			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
7:00	Tim Taub	T&F Enterprises	Stump/tree removal
EQUIPMENT IN USE:			
None.			
Chipper removed from site for service.			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Excavation contractor T&F Enterprises Tim Taub on site to remove and dispose of logs and tree stumps. Two Roll-off containers removed from site to recycling facility.			
Delivery of Rip-Rap 3"-5" from Liotta & Sons, Inc. 26.24 tons. Stone temporarily staged near entrance to retention basin.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Overhead utilities.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N /A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 4-26-11

Day Tuesday

WEATHER: Sunny

TEMP: 60/68 deg F

WIND: none

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Matt Swope			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
7:00	Tim Taub	T&F Enterprises	Stump/tree removal
EQUIPMENT IN USE:			
None.			
CAT 315 Excavator, TL-250 Skid Steer			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Excavation contractor T&F Enterprises Tim Taub on site to remove and dispose of logs and tree stumps.			
Stone temporarily staged near entrance to retention basin. Stone to be placed when basin is dry enough.			
ACI set up laser level to check and adjust proposed building layout. ACI/CDM adjusted building location on 4-25-11.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Heat Stress			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N /A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 4-27-11

Day Wednesday

WEATHER: Sunny/Cldy

TEMP: 59/68 deg F

WIND: none

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
None in use			
CAT 315 Excavator, TL-250 Skid Steer			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
No construction activities on-site today.			
J. Mullen and T. Gleave visited the Nassau County DPW garage/main office and discussed the following issues with Vinny and Gus and Bill Nimo			
- Road opening permit and fees			
- Easement issues –			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

Daily Safety Tailgate meeting held. Featured Topic: Heat Stress
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: ACI/CDM and DPW Staff (Bill Nimo, Vinny and Gus)
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 4-28-11

Day Thursday

WEATHER: overcast

TEMP: 51/69 deg F

WIND: moderate

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter & Matt Swope			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
2:30p	n/a	United Rentals	p/u grapple attachment
EQUIPMENT IN USE:			
CAT 315 Excavator, TL-250 Skid Steer			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
25 yards of RCA delivered to retention basin area. ACI used skid-steer to place material on access road to basin.			
Skid-steer used to start access road for new treatment building. Top soil stockpiled in small piles along road.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Traffic Safety			
TESTING PERFORMED:			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:
N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED:
N/A
COMMUNICATION WITH CONTRACTOR STAFF:
N/A
MEETING:
N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 4-29-11

Day Friday

WEATHER: Sunny

TEMP: 46/64 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter & Matt Swope			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
TL-250 Skid Steer – in use			
CAT 315 Excavator, - on-site			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Skid-steer used to start access road for new treatment building. Top soil stockpiled in small piles along road.			
RCA delivered – 25yds Ticket #70957 & 25yds Ticket #70958			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Traffic Safety			
TESTING PERFORMED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: Weekly Progress meeting at 10:00am – Structural issues discussed.
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

ATTACHMENT 2
FIELD LOGBOOK NOTES

4/18/11
Monday

Sunny
45/60°F

J. Muller
T. Gleason
J. Cotter

- ON-SITE @ 8:00 → 5:00p
- ACT REMARKED UTILITY LOCATIONS WITH SPRAY PAINT
- INSPECTED RETENTION BASIN

4/19
Tuesday

overcast
46°/57°F

J. Muller
T. Gleason
J. Cotter

- ON-SITE @ 7:00a
- NO CONSTRUCTION ACTIVITIES ON-SITE TODAY
- RAIN STARTED @ 12:00p

4/20/11
Wednesday

overcast
48°/56°F

- NO ACTIVITIES REMAINED ON-SITE
- ON-SITE @ 7:30a

4/21/11 • ACT VISITED SITE FOR MTG w/ PWD
THURSDAY • J. Muller off site

4/22/11 J. Muller off-site
FRIDAY NO WORK BY ACT OR SUBCONTRACTORS

4/25/11
Monday

SUNNY
57/64°F

J. Mullen
T. GLEAVE
M. SWORE
T. TAUB

- Safety Meeting
- EXCAVATION CONTRACTOR ON SITE T+T ENTER PRIZES
- REMOVING STUMPS AND PLACING 1st ROLL OFF CONTAINERS PROVIDED BY MACROS
- (1+2) • 2 Containers w/ wood waste removed off site to recycling facility
- Bill of lading tickets pending
- 26.24 TONS OF RIP-RAP Delivered to site from LIOITTA + SONS, INC. Staged Stone outside Gate for Retention Basin.

4/26/11
Tuesday

SUNNY
60/68°F

J. Mullen
T. GLEAVE
M. SWORE
T. TAUB

- Safety Meeting
- M. SWORE SET UP LASER LEVEL TO CHECK LAYOUT OF BUILDING
- T. TAUB ON SITE @ 10:45 TO LOAD Remaining logst debris into Roll-off
- MAGGOS ON-SITE TO PICK UP ROLL-OFF (3rd)
- Filled with wood @ 1:00

4/29/11

Sunny/Cldy
59/68°F

J. Mollen
T Greave

- Safety Meeting
- COTTON ditty on-SITE
- MONITOR LAYON
- SANITARY SERVICE on-SITE
- CLEANING REST ROOM FACILITIES
- VISITED MASSACHUSETTS
MET with VINNY + GUS
- VISITED MASSACHUSETTS
MET w/ BILL NIMO

4/28/11

Cloudy
51/69°F

J. Mollen
T Greave
M SWOPE
J COTTER

- Safety Meeting - Traffic Safety
- RCA Delivered @ Gate to Reception Basin
- AGV USING SKID STEER to Place RCA on Ramp Access Road.
- UNITED Rentals on-Site to Pick-up Skid-steer Attachment (Grapple Hook)
- AGV STARTED EXCAVATING ACCESS ROAD FOR TREATMENT BUILDINGS

4/29/11

Sunny
48-51 & 40°F

J. Mullen
T. Greave
J. COTTER
M. SWOFFE

- SITE Mgt Meeting - Fire Extinguishers
- Weekly Progress Meeting
- A/E Continuing to Excavate Road TO TREATMENT Bldg.
- Soil Piles to be covered w/ Poly Sheeting to prevent Run-off
- RCA Delivered TO SITE @ 11:15
Ticket # - 70951 25 yds
- RCA Delivered 4 Site @ 2:00p
Ticket # 70958 25 yds

ATTACHMENT 3
PHOTO LOG

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: April 18 through April 29, 2011



Outfall in retention basin. Brush and trees removed.

IMAG0023.jpg

4/19/2011



Standing water in retention basin. Trees and Brush cleared.

IMAG0024.jpg

4/19/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: April 18 through April 29, 2011



T. Taub loading logs and stumps into container for disposal.
IMAG0025.jpg 4/25/2011



T. Taub loading more wood debris for disposal.
IMAG0026.jpg 4/25/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: April 18 through April 29, 2011



**Concrete wall inside retention basin. Stone added by ACI.
IMAG0027.jpg 4/27/2011**



**Rip-Rap added below outfall in retention basin.
IMAG0028.jpg 4/27/2011**

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: April 18 through April 29, 2011



RCA placed on retention basin access road.

IMAG0029.jpg

4/28/2011



ACI started excavation for treatment building access road.

IMAG0030.jpg

4/29/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: April 18 through April 29, 2011



Treatment building access road with filter fabric and 6" RCA.

IMAG0031.jpg

4/29/2011